

LCD Backlights
Abstract Doc

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ETA - Enhanced Technology Awareness 

Category: Light Guide\Wedge, Light Guide\Structure on Top Surface, Enhance. Film\Prism Up, Enhance.
Film\Prism Down, Advantage\Brightness, Advantage\Uniformity, Advantage\Viewing Angle

Category Definition: 

[Link to Atlas Electronic Library Translation Services](#)

Title:

Optical control sheet e.g. for liquid crystal display device - has number of prisms formed on one of its surfaces such that main wire is mutually parallel

Patent Assignee:

KONICA CORP

KONS

Abstract:

Abstract (Basic): JP 09105804A

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The optical control sheet consists of some prisms (13a) on one of its surfaces such that the main wire is mutually parallel. The prisms are oriented towards the light guide plate (12). A cold cathode tube (11) is positioned at the side surface of the optical control sheet.

The optical control sheet consists of two boundary surfaces around the vertex of the prism, which acts as a boundary. The boundary surfaces are of a saw-tooth shape with one of the boundary surfaces of a non-planar shape.

ADVANTAGE - Controls maximum brightness and light parameters. Illuminates screen with uniform brightness.

Dwg.1/21

Abstract (Equivalent): US 5890791A

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The optical control sheet consists of some prisms (13a) on one of its surfaces such that the main wire is mutually parallel. The prisms are oriented towards the light guide plate (12). A cold cathode tube (11) is positioned at the side surface of the optical control sheet.

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Clipped Images:

Engineering Drawing:

Priorities:

| Country | Serial | Date | Type |
|---------|---------|----------|------|
| JP | 0265530 | 19951013 | A |

Application, Citations, Coding Information, Index Terms:**© Derwent Scientific and Patent Information**

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